

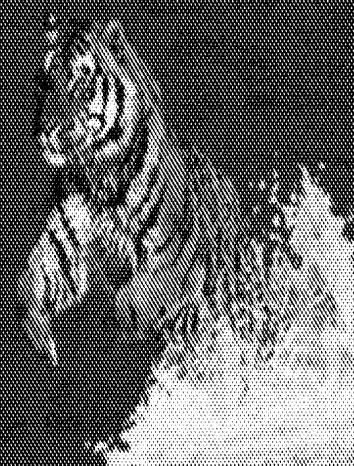
# **FLEXICOKING at Esso Rotterdam**

06 October 2003

TU Delft

Aad Rooijmans

Esso Nederland BV  
Flexicoker  
Rotterdam Refinery



# Summary

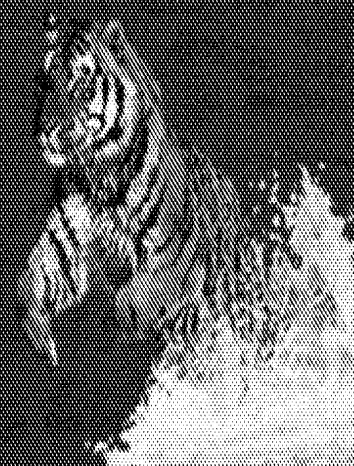
- Market demand and crude oil supply
- Location Flexicoker in refinery flowsheet
- Conversion : light products out of vacuum residu
- Flexicoking process description
  - Reactor
  - Heater
  - Gasifier
  - Coke transfer between vessels
- Reliability prevails over the last ton thruput



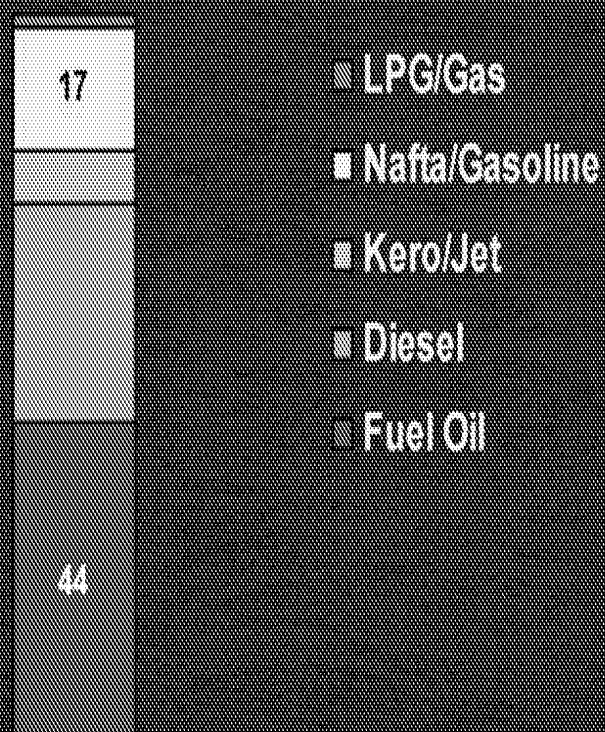


# Market demand and crude oil supply

- LPG/Gas
- Nafta/Gasoline
- Kero/Jet
- Diesel
- Fuel Oil



# Market demand and crude oil supply

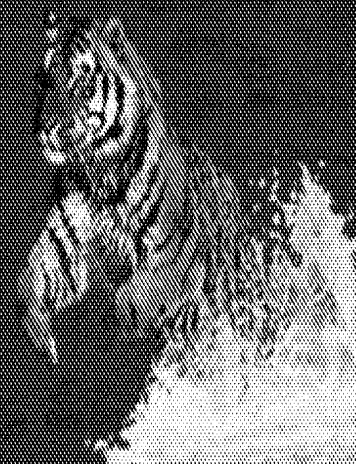
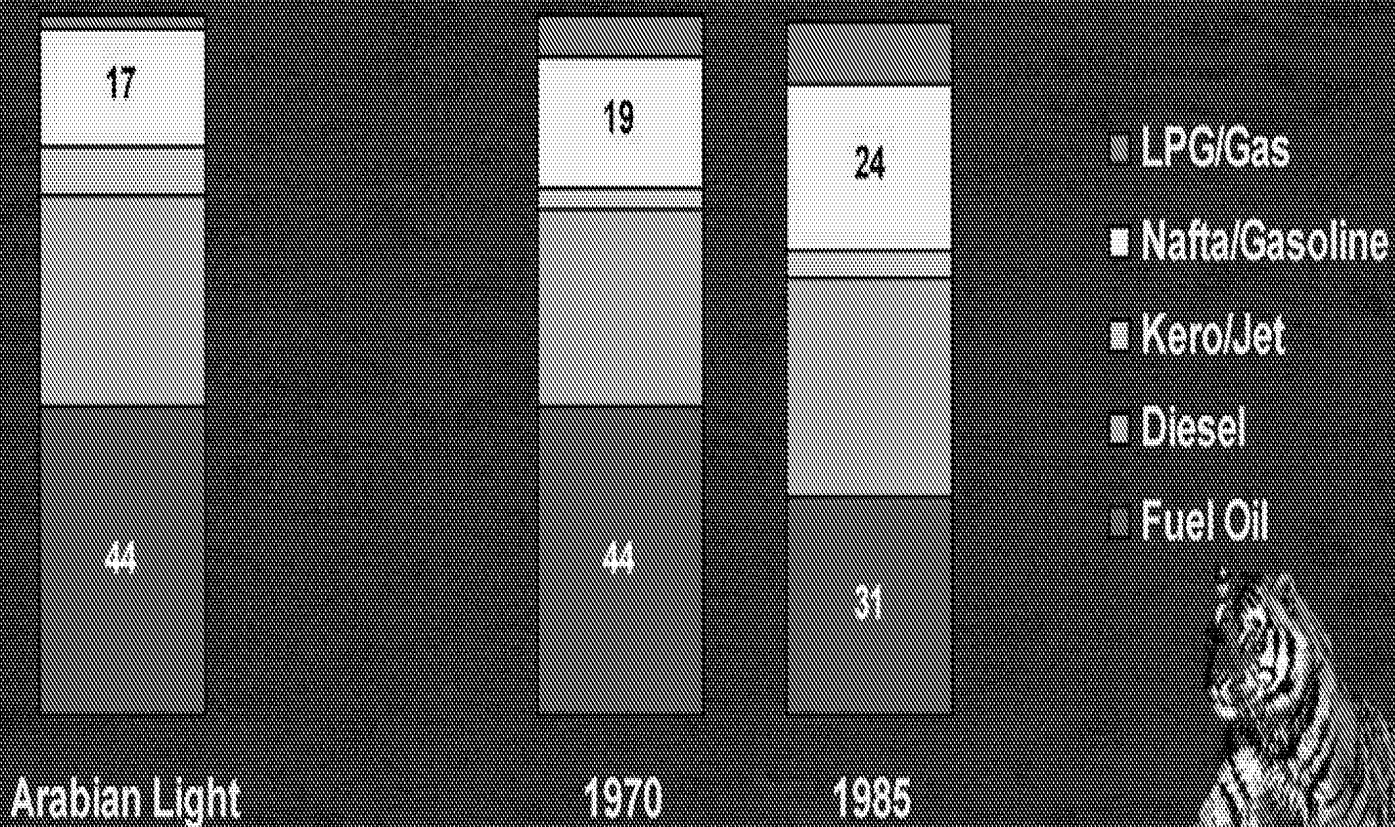


Arabian  
Light





## Market demand and crude oil supply



## Market demand and crude oil supply

